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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/817,128
		Filing Date	02 April 2004
		First Named Inventor	Cioffi
		Art Unit	2123
		Examiner Name	Sharon, A.
Total Number of Pages in This Submission	277	Attorney Docket Number	0101-p03

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<p>Remarks</p> <p>9 references (268 pgs); certificate of express mailing dated 03 March 2007 Label No. ED857744484US; copy of Fee Transmittal Form PTO/SB/17 for deposit account processing (if needed); return receipt postcard (included in "Total Number of Pages in This Submission" page count above).</p>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Sylke Law Offices, LLC		
Signature			
Printed name	C. Thomas Sylke		
Date	03 March 2007	Reg. No.	32,312

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name			
		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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T R A D E M A R K
O F F I C EEffective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL
For FY 2006** Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

\$180.00

Complete if Known

Application Number	10/817,128
Filing Date	02 April 2004
First Named Inventor	Cioffi
Examiner Name	Sharon, A.
Art Unit	2123
Attorney Docket No.	0101-p03

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 50-3349 Deposit Account Name: Sylke Law Offices, LLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**Each claim over 20 (including Reissues) Fee (\$)
50 25Each independent claim over 3 (including Reissues) Fee (\$)
200 100Multiple dependent claims Fee (\$)
360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
				Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	0		

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
				Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	0		0

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	0

4. OTHER FEE(S)Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)
0Other (e.g., late filing surcharge): IDS Submission, per 37 CFR 1.17(p) 180.00**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 32,312	Telephone 414-431-2317
Name (Print/Type)	C. Thomas Sylke		Date 03 March 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of: CIOFFI et al.

Attorney Docket No.: 0101-p03

Application No.: 10/817,128

Examiner: Sharon, A.

Filed: 02 April 2004

Group: 2123

Title: **DSL SYSTEM ESTIMATION AND PARAMETER RECOMMENDATION**

INFORMATION DISCLOSURE STATEMENT
37 CFR §§ 1.56 AND 1.97

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
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via Certificate of Express Mailing dated March 03, 2007
Express Mail Label No. ED857744484US

Dear Sir:

Any U.S. patent document references listed under the heading "U.S. Patent Documents" in the attached Information Disclosure Statement may be material to examination of the above-identified patent application. Any non-U.S. patent document references listed under the headings "Foreign Patent or Published Foreign Patent Application" and "Other Documents" in the attached Information Disclosure Statement, copies of which are attached, may be material to examination of the above-identified patent application. Applicant submits any identified references in compliance with its duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to consider these references and make them of official record in this application.

Though one or more of the cited references might be material to the patentability of the pending claims in the present application, Applicant respectfully submits that the pending claims are nevertheless allowable over the art of record and the references cited herein.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

03/06/2007 CNGLYEN2 00000094 10817128
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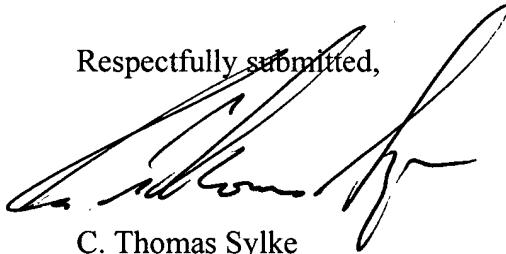
MAIL STOP AMENDMENT
Commissioner for Patents
March 2, 2007
Page 2 of 2

This Information Disclosure Statement is being filed within the time period specified by 37 CFR § 1.97(c) and is accompanied by the fee set forth in 37 CFR § 1.17(p), pursuant to 37 CFR § 1.97(c)(2).

If it is determined that any additional fees are due, please contact the undersigned immediately at 414-431-2317.

Dated: March 2, 2007

Respectfully submitted,



C. Thomas Sylke
Registration No. 32,312

Sylke Law Offices, LLC
756 N. Milwaukee St.
Suite 210
Milwaukee, Wisconsin 53202
Phone: 414-431-2317

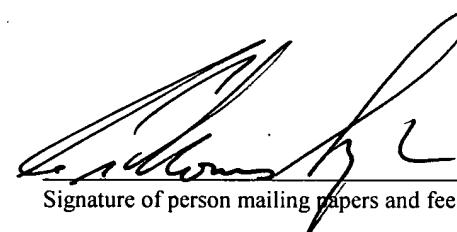
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C. Thomas Sylke

Printed name of person mailing paper and fee



Signature of person mailing papers and fee



**Supplemental Information Disclosure
Statement By Applicant
Pursuant to 37 CFR § 1.97(c)(2)**

Dated: March 3, 2007

Application No.:	10/817,128		
Filing Date:	02 April 2004		
First Named Inventor:	CIOFFI		
Applicant:	Adaptive Spectrum and Signal Alignment, Inc.		
Art Unit:	2123	Examiner Name:	Sharon, A.
Attorney Docket No. 0101-p03			

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A17	2001/0043647 A1	11/22/01	Belge			
	A18	2005/0123030 A1	06/09/05	Belge			
	A19	2002/0114383 A1	08/22/2002	Belge et al.			
	A20	6,970,415 B1	11/29/05	Galarza et al.			
	A21	6,870,901 B1	03/22/2005	Gudmundsson et al.			
	A22	6,970,560 B1	11/29/2005	Hench et al.			
	A23	2004/0095921 A1	05/20/2004	Kerpez			
	A24	2004/0120470 A1	06/24/2004	Cambron et al.			
	A25	6,658,052 B2	12/02/2003	Krinsky et al.			
	A26	2005/0213714 A1	09/29/2005	Langberg et al.			
	A27	7,068,755 B2	06/27/2006	Qiu			
	A28	6,990,196 B2	01/24/2006	Zeng et al.			
**	A29	2005/0135566 A1	06/23/2005	Schmidt et al.			
**	A30	6,895,081 B1	05/17/2005	Schmidt et al.			
	A31	6,456,694 B1	09/24/2002	Posthuma			
	A32	2006/0159162 A1	07/20/2006	Shrikhande et al.			
	A33	2006/0164101 A1	07/27/2006	Fussion et al.			
	A34	2002/0172329 A1	11/21/2002	Rashid-Farrokhi et al.			
	A35	2004/0086085 A1	05/06/2004	Nordling et al.			

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Patentee	Translation	
						Yes	No
	B10	WO 01/35607 A1	05/17/2001	WIPO	Voyan Techn.	✓	
	B11	EP 1 073 247 A2	01/31/2001	EPO	Lucent Tech. Inc.	✓	
	B12	WO 01/35611	05/17/2001	WIPO	Voyan Techn.	✓	
	B13	WO 02/13405	02/14/2002	WIPO	Aware, Inc.	✓	
	B14	WO 01/35614	05/17/2001	WIPO	Voyan Techn.	✓	
	B15	EP 1 009 135 A2	06/14/2000	EPO	Lucent Tech. Inc.	✓	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C3	J. Cioffi et al., "Channel Identification with Dynamic Spectrum Management," ANSI Contribution T1E1.4/2001-147, May 7, 2001 (8 pgs).
****	C4	International Search Report, International Application No. PCT/IB2006/000496 (5 pgs).
****	C5	Written Opinion of the International Searching Authority, International Application No. PCT/ IB2006/000496 (5 pgs).

Examiner: Please initial citation considered; draw line through citation if not in conformance and not considered; and include copy of this form with next communication to applicant.

**** Documents A29 and A30 correspond to an application that also was published on October 26, 2000, by WIPO as Publication No. WO 2000/64132.**

****** This international application material is from a PCT application corresponding to United States Serial No. 11/069,159, which is a continuation-in-part of the present application.**